

GRADIENTWIND

ENGINEERS & SCIENTISTS

November 14, 2024

Le Groupe Maurice
2400 rue des Nations, bureau 137
Saint-Laurent, QC H4R 3G4

Attn: Yveline Roc – Director of Development
yroc@legroupe maurice.com

Dear Ms. Roc:

Re: Roadway Traffic Noise Assessment Addendum
1174 Carp Road, Ottawa, Ontario
Gradient Wind File 23-299

Gradient Wind Engineering Inc. (Gradient Wind) completed a roadway traffic noise assessment to satisfy a Site Plan Control (SPA) application submission¹ for the proposed development located at 1174 Carp Road in Ottawa, Ontario. The study was conducted based on architectural drawings of the proposed development provided by Hobin Architecture in January 2024².

The current architectural drawings, which were distributed to the consultant team in November 2024³ in preparation for the submission of the SPA application, include several modest changes to the proposed development as compared to the January 2024 massing. The most notable changes in the massing are the addition of two floors to the main wing to the northeast, increasing the height of the building to 14 storeys. Additionally, the building no longer includes a 9-storey massing at the north corner that had accommodated two units at each level above grade.

The May 2024 study concluded that the north, northwest, northeast, and east façades as well as part of the west façade will require upgraded building components, while the noise levels within the central courtyard will be below the City of Ottawa's Environmental Noise Control Guidelines (ENCG).

¹Gradient Wind Engineering Inc, '1174 Carp Road – Roadway Traffic Noise Assessment', [May 17, 2024]

²Hobin Architecture, '1174 Carp Road', [January 12, 2024]

³Hobin Architecture, 'Carp & Hazeldean', [November 4, 2024]

The May 2024 study further concluded that the proposed development will require central air conditioning or a similar ventilation system, as well as a Type D Warning Clause on the Lease, Purchase, and Sale Agreements for the building.

The differences between the January and November massing designs are considered minor from a noise engineering perspective, and the results and conclusions provided in the May 2024 study are expected to remain representative of the current architectural massing.

This concludes our review of the design changes for the planned development at 1174 Carp Road in Ottawa, Ontario. Please advise the undersigned of any questions or concerns.

Sincerely,

Gradient Wind Engineering Inc.



Joshua Foster, P.Eng.
Lead Engineer

